

#6/IDS  
Hawkins  
PATENT 5/29/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :  
: Sigenobu Nakamura :  
: Application No. (NEW) : Parent Art Unit: 2834  
: Filed: November 21, 2001 : Parent Examiner: K. Tamai  
: For: ANTIFRICTION BEARING AND : Atty Docket: P64591US2  
: ALTERNATOR :  
: INCORPORATING SAME FOR :  
: USE IN VEHICLES :

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to the duty of disclosure under 37 CFR §§ 1.56 and 1.97-1.99, the documents listed on the attached Form(s) PTO-1449 are being brought to the attention of the Examiner in charge of the above-identified application. Copies of all documents are submitted herewith. A complete translation is provided of document AM; a translation is provided of sections 2.2.3 and 2.2.4 of document AS; a translation is provided of the relevant portions of document AN; and a complete translation is provided of document BR.

Since the Information Disclosure Statement is filed before the issuance of the first Office Action on the merits or within three months of filing, no fee is required. The Commissioner is hereby authorized to charge fees under 37 CFR § 1.17 which may be required for consideration of this paper;

or credit and overpayment to Deposit Account No. 18-0180. A duplicate copy is attached for this purpose.

In accordance with 37 CFR § 1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

Applicants do not waive any rights to appropriate action to establish patentability over the listed documents should they be applied as references against the claims of the present application.

#### RELEVANCE OF THE DOCUMENTS

Documents AA-AG were made of record during the prosecution of patent No. 5,422,524.

Documents AH, AL, and AR were cited in the European Search Report issued in connection with a European patent application corresponding to the present application. A copy of the European Search Report is submitted herewith.

Documents AM, AN, and AS were cited in an Opposition in the European patent application corresponding to the present application.

Documents AN and BR were cited in the Japanese patent application from which priority is claimed for the present application.

Documents AI, BS, and BT were cited by the Examiner during prosecution of the parent of the present application.

### CONCLUSION

The Examiner is respectfully requested to initial the space adjacent each document entry on the Form(s) PTO-1449, and to return a copy of the initialed Form(s) PTO-1449 to confirm that the documents have been considered and have been officially made of record in this application.

If the Examiner has any questions or wishes to discuss this application, the Examiner is invited to telephone the undersigned representative at the number set forth below.

Respectfully submitted,

JACOBSON HOLMAN, PLLC

Date:

21 Nov 01

By:

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## Form PTO-1449

## Information Disclosure Citation

Attorney Docket  
P64591US2Application No.  
(not yet assigned)

Applicant

Sigenobu NAKAMURA et al.

Filing Date

November 21, 2001

Group Art Unit

(not yet assigned)

## U.S. Patent Documents

Examiner Initial		Patent Number	Date	Name	Class	Sub-Class	Filing Date
	AA	4240682	12/23/1980	Benson			
	AB	4323401	04/06/1982	Belke et al.			
	AC	4429924	02/07/1984	Franz et al.			
	AD	4476405	10/09/1984	Komurasaki			
	AE	4546280	10/08/1985	Pflüger			
	AF	4696581	09/29/1987	Tsushima et al.			
	AG	4808226	02/28/1989	Adam			
	AH	4191599	03/04/1980	Stickels et al.			
	AI	4634908	01/06/1987	Sturm			
	AJ						
	AK						

## Foreign Patent Documents

		Document Number	Date	Country	Class	Sub-Class	Translation
	AL	GB 1 361 553	07/24/1974	U.K.			Yes No
	AM	362 807	06/25/1981	Austria			Yes No
	AN	56-34615	03/27/1975	Japan			Yes No
	AO						Yes No
	AP						Yes No

## Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

AR	Patent Abstracts of Japan, unexamined applications, section C, vol. 12, no. 82 (c-481), March 15, 1988.
AS	"Zwischenstufenumwandlung von Wälzlagerstählen," WTS 74 06 20, SKF Kugellagerfabriken GmbH (February 1974).
AT	E. Yamija et al., "Effects of Retained Austenite on the Rolling Fatigue Life of Ball Bearing Steels," translation of article published in J. Japan Inst. Metals, vol. 36, page 711 (1972).

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						

## Foreign Patent Documents

		Document Number	Date	Country	Class	Sub-Class	Translation
	BL						Yes No
	BM						Yes No
	BN						Yes No
	BO						Yes No
	BP						Yes No

## Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

	BR	<i>Handbook of Metals</i> , Japan Metal Society, Maruzen Co., Ltd.(Rev. 4th Ed., 1982), sections 7.6.1-7.6.2.
	BS	Okamoto et al., "Effect of Sl and Retained Austenite on the Rolling Fatigue Life of Bearing Steel," <i>Seititsu Kenkyu</i> , No. 277
	BT	Tsushima et al., "Improvement of Rolling contact Fatigue Life of Carburized Tapered Rolling Bearings," <i>SAE Technical Paper 860725</i> .

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.